

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignia 22313-1450 www.uspto.gov



ih Data Sheet

CONFIRMATION NO. 5441

| FILING DATE 07/02/2003 RULE | (| CLASS 257 | GROUP ART UNIT 2813 | | ATTORNEY DOCKET NO. 200308566-1 | |
|---|--|--|---|--|---|--|
| APPLICANTS | | | | | | |
| Xiang Dai, Roseville, CA; | | | | | | |
| Dan Cromwell, Penryn, CA; | | | | | | |
| ** CONTINUING DATA ********************************** | | | | | | |
| IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 09/29/2003 | | | | | | |
| Foreign Priority claimed | | STATE OR | SHEETS | тот | AL | INDEPENDENT |
| Allowance | | COUNTRY CA | DRAWING 4 | | | CLAIMS 4 |
| ADDRESS 22879 HEWLETT PACKARD COMPANY P O BOX 272400, 3404 E. HARMONY ROAD INTELLECTUAL PROPERTY ADMINISTRATION FORT COLLINS, CO 80527-2400 | | | | | | |
| TITLE Supporting a circuit package including a substrate having a solder column array | | | | | | |
| FILING FEE FEES: Authority has been given in Paper No to charge/credit DEPOSIT ACCOUNT No for following: | | | | All Fees 1.16 Fees (Filing) 1.17 Fees (Processing Ext. of time) 1.18 Fees (Issue) | | |
| | O7/02/2003 RULE ville, CA; Penryn, CA; TIONS ************************************ | RULE ville, CA; Penryn, CA; TIONS ************************************ | RULE CLASS 257 RULE Ville, CA; Penryn, CA; TIONS ************************************ | RULE CLASS 257 GROUP A 281 Ville, CA; Penryn, CA; TIONS TIONS TO METER TO SHEETS Allowance Met after Allowance Miner's Signature TOMPANY 4 E. HARMONY ROAD PERTY ADMINISTRATION Ckage including a substrate having a solder column array Charge/credit DEPOSIT ACCOUNT for following: GROUP A 281 GROUP A 281 CHASS 281 CHA | RULE CLASS 257 GROUP ART UNIT 2813 CLASS 257 GROUP ART UNIT 2813 CLASS 257 GROUP ART UNIT 2813 COUNTRY CA: COUNTRY DRAWING CLAIS AND CAS COUNTRY ADMINISTRATION CRASS 257 CROWPANY 4 E. HARMONY ROAD CERTY ADMINISTRATION CRASS 257 GROUP ART UNIT 2813 GROUP ART UNIT 2813 COUNTRY CA: COUNTRY DRAWING CLAIS AND CAS COUNTRY ADMINISTRATION CRASS 257 CROWPANY 4 E. HARMONY ROAD CERTY ADMINISTRATION CRASS 257 CROWPANY 4 E. HARMONY ROAD CERTY ADMINISTRATION CRASS 257 CROWPANY 4 E. HARMONY ROAD CERTY ADMINISTRATION CRASS 257 CROWPANY 4 E. HARMONY ROAD CERTY ADMINISTRATION CRASS 257 CROWPANY 4 E. HARMONY ROAD CERTY ADMINISTRATION CRASS 257 CROWPANY 4 E. HARMONY ROAD CERTY ADMINISTRATION CRASS 257 CROWPANY 4 E. HARMONY ROAD CERTY ADMINISTRATION CRASS 257 CROWPANY 4 E. HARMONY ROAD CERTY ADMINISTRATION CRASS 257 CROWPANY 4 E. HARMONY ROAD CERTY ADMINISTRATION CRASS 257 CROWPANY 4 E. HARMONY ROAD CERTY ADMINISTRATION CRASS 257 CROWPANY 4 E. HARMONY ROAD CERTY ADMINISTRATION CERTY | RULE CLASS 257 GROUP ART UNIT 2813 CLASS 257 GROUP ART UNIT 2813 CLASS 257 COUPTIONS COUPTIONS COUPTIONS COUPTIONS COUNTRY COUNTRY COUNTRY COUNTRY COUNTRY COUNTRY COUPTIONS CRAWING CLAIMS CRAWING CLAIMS CRAWING CLAIMS CRAWING CLAIMS CRAWING CLAIMS CRAWING CLAIMS COUPTIONS CRAWING CLAIMS COUPTIONS CRAWING CLAIMS COUPTIONS CRAWING CLAIMS COUPTIONS CRAWING CLAIMS |